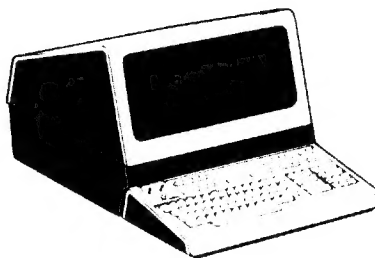


HP 13220
TECHNICAL INFORMATION PACKAGE
Manual Part No. 13220-91000
REVISED
AUG-20-82

DATA TERMINAL **TECHNICAL INFORMATION**



HEWLETT  PACKARD

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NOTICE

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NOTE: This document is part of the 262XX DATA TERMINAL product series Technical Information Package (HP 13220).

HP PART NO.	DESCRIPTION
13220-90001	2621A Operating System Microcode

The PCA's required for module operation are listed by part number. Size and weight are indicated where applicable.

Table 2.0 Reliability and Environmental Information

The specific environmental capabilities of each 262XX product are as stated in the specification section of the Product Data Sheets.

Hewlett-Packard Class B testing is defined as follows:
"CLASS B (Industrial and Commercial Environment). Light industrial manufacturing or commercial environment suitable for occupancy by operating personnel on a full time basis without benefit of air conditioning or other protective measures. Environment may involve moderately high and low temperatures; humidity variations; and occasional minor vibration. Individual Data Systems Products will be designed to meet the requirements of this classification to assure minimum costs and complexity when they are incorporated in system cabinet configurations."

"Type tested at product level" implies that environmental qualification has been performed with the module included in an appropriate product.

"Failure Rate" is defined as the percentage of units expected to fail every 1000 hours of operation under typical operating conditions. Failure rate for a composite product may be derived by adding individual module failure rates.

Table 3.0 Power Supply and Clock Requirements

Indicates the measured power supply and clock requirements for the module total at +/-5% unless otherwise noted. Composite product power requirements may be derived by adding individual module power requirements. Total power available is listed in the Power Supply module sections.

Table 4.0 Connector Information

	Lists all connectors and pin numbers used by the module.	
	Signal names and a brief description are given. Specific	
	PCA's are referenced in the table title (when necessary) to	
	avoid confusion. Bars are used over signal names indicating	
	negative true logic (XXXXX XXX) functions.	

3.0 FUNCTIONAL DESCRIPTION.

This section describes the general overall functional operation of the module and references the module block diagram. Each block on the block diagram is described in a general functional manner relating what the block does and why. A detailed description relating how the functions are performed, from the schematic diagram perspective, follows:

4.0 MISCELLANEOUS.

Additional miscellaneous information relating to the module or its operation is included here (when applicable).

Each module section is appended with support drawings and diagrams as follows:

Block Diagram - Illustrates the overall module function.

Schematic Diagram - All PCA schematics pertaining to the module are included.

Timing Diagrams - Included (when applicable) to support module usage.

Component Location Diagrams - Locates position of components on PCA by reference designator. Indicates date code of the PCA at time of manual printing.

Miscellaneous Support Drawings - Included (when applicable) to support module usage.

Parts Lists - A listing by assembly of replaceable parts. The PCA parts lists reflect the currently manufactured PCA's as indicated by the date codes.

PCA ASSEMBLY/MODULE CROSS-REFERENCE

MODULE NUMBER =====	ASSY NUMBER =====
13220-91000	INTRODUCTION
13220-91001	02620-60001
13220-91001	02620-60070
13220-91002	02620-60002
13220-91004	02620-60004
13220-91019	02620-60019
13220-91033	02620-60033
13220-91061	02620-60061
13220-91088	02620-60088
13220-91087	02620-60087/60096
13220-91097	02620-60097/60178
13220-91175	02620-60175

PRODUCT/MODULE CROSS-REFERENCE

CODE: 0=Option S=Standard

Module Number	Module Nomenclature	2621A	2621P
=====	=====	=====	=====
13220-91001	Keyboard	S	S
13220-91001	Intl Keyboard	0	0
-----	-----	-----	-----
13220-91002	Sweep	S	S
-----	-----	-----	-----
13220-91004	Power Supply	S	-
-----	-----	-----	-----
13220-91019	'P' Power Supply	-	S
-----	-----	-----	-----
13220-91033	Processor 4-Layer	0	0